

SEQUENCE LISTING

<110> APPLICANT: Samuel I. Achilefu  
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Richard B. Dorshow  
Joseph E. Bugaj  
ASSIGNEE: Mallinckrodt Inc.

<120> TITLE: Hydrophilic Cyanine Dyes

<130> DOCKET/FILE REFERENCE: MRD-66

<150> PRIOR APPLICATION NUMBER: 09/484,319

<151> FILING DATE: 2000-01-18

<160> NUMBER OF SEQUENCES: 8

<170> SOFTWARE: FastSEQ for Windows Version 3.0

<210> SEQ ID NO:1

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM:Synthetic

<221> MOD\_RES

<222> (1)...(0)

<223> Xaa = D-Phe

<224> Xbb = Cys with an intramolecular disulfide bond  
between two Cys amino acids

<225> Xcc = D-Trp

<400> SEQ ID NO:1

Xaa Xbb Tyr Xcc Lys Thr Xbb Thr  
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<210> SEQ ID NO:2

<211> LENGTH: 8

<212> TYPE: PRT

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<221> MOD\_RES

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<223> Xaa = D-Phe

<224> Xbb = Cys with an intramolecular disulfide bond  
between two Cys amino acids

<225> Xcc = D-Trp

<226> Xdd = Thr-OH

<400> SEQ ID NO:2

Xaa Xbb Tyr Xcc Lys Thr Xbb Xdd  
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<400> SEQ ID NO:3

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<221> MOD_RES
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<228> Xff = D-Asp

<229> Xgg = D-Lys

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      <400> SEQ ID NO:8
Xgg Pro Arg Arg Pro Tyr Ile Leu
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[illegible]

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<130> DOCKET/FILE REFERENCE: MRD-66

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<170> SOFTWARE: FastSEQ for Windows Version 3.0

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<221> MOD_RES      .
<222> (1) ... (0)
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<400> SEQ ID NO:1

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<211> LENGTH: 8
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<223> Xaa = D-Phe
<224> Xbb = Cys with an intramolecular disulfide bond
          between two Cys amino acids
<225> Xcc = D-Trp
<226> Xdd = Thr-OH
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Xaa Xbb Tyr Xcc Lys Thr Xbb Xdd  
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<210> SEQ ID NO:3  
<211> LENGTH: 11  
<212> TYPE: PRT  
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<400> SEQ ID NO:3  
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<210> SEQ ID NO:4  
<211> LENGTH: 11  
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<400> SEQ ID NO:4  
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<210> SEQ ID NO:5  
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<212> TYPE: PRT  
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<400> SEQ ID NO:5  
Asp Tyr Met Gly Trp Met Asp Phe  
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<210> SEQ ID NO:6  
<211> LENGTH: 8  
<212> TYPE: PRT  
<213> ORGANISM:Synthetic

<221> MOD\_RES  
<222> (1)...(0)

<400> SEQ ID NO:6  
Asp Tyr Nle Gly Trp Nle Asp Phe  
1 5

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      <400> SEQ ID NO:7
Xff Tyr Nle Gly Trp Nle Asp Phe
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<229> Xgg = D-Lys

<400> SEQ ID NO:8

Xgg	Pro	Arg	Arg	Pro	Tyr	Ile	Leu
1				5			